241 Dry farming is practised to some extent, but is capable of
312 development in the districts of semi-steppe.

CO-OPERATION.

476 ALTHOUGH it is not by any means reduced to a science, as in Belgium and Denmark, for example, co-operation is practised by the Roumanian peasant farmer to an important extent. In Transylvania and Bessarabia, the system has for long been well established, owing to the initiative and encouragement of village priests and schoolmasters. For example, there are community herds of water buffaloes, which tend
477 to prevent deterioration of the breed. The forest industry is in the main run by co-operative societies which control the felling, local distribution and marketing of timber.

IN 1931 there were 5,200 popular co-operative banks, with over 1,150,000 members; 236 forest co-operative societies, with about 341,600 members; 1,600 consumption and supply co-operative societies, with 236,000 members; besides a number of village buying and leasing associations.

241 MUCH has been done, and efforts are continuing by propaganda and instruction, to encourage more up-to-date methods among the peasant farmers and there are a number of schools for primary instruction in agricultural method. Modern farm machinery is loaned by the Ministry of Agriculture to peasants for small fees, stud farms have been established to improve the breed of horses and cattle, and funds have been loaned to the peasant communities for the purchase of stud animals.

INDUSTRY.

135 FROM the point of view of power and raw materials for the development of industry, Roumania is also well endowed by nature. True, her supply of coal is negligible, the only deposit worth mention being that of the brown coal basin of Jiul at Lupeni in Oltenia, which is capable of producing about two million tons per annum. (The output in 1933 was in the neighbourhood of 1.4 million metric tons.) It contains much sulphur but is used to some extent in iron smelting. On the other hand, there are very rich stores of mineral oil. The oil-bearing rocks occur in abundance along the outer rim of the Carpathians in lower Miocene deposits which are

SCATTERED over the commune are eight "stâne" or temporary summer settlements which are all situated between 400 and 800 metres above the village. The stâna itself is a simple affair, consisting of a log hut which affords living accommodation for the shepherds and acts as a dairy and store-house, together with the folds into which the animals are driven for milking. The one illustrated had a population of three men and two boys, all Roumanians, 350 sheep and 20 cows, as well as a few pigs, the only animals left in the village being the one or two milch cows retained at each farm for family needs and the draught animals (see Plate XIII).

THE change from winter to spring takes place very rapidly during the second fortnight of April, and the ascent to the dairies is made at the end of that month or early in May. Before the animals are taken up the milk yield of the cows is tested in order to determine the apportionment of the cheese made therefrom, but the ewes' milk cheese is distributed on the basis of the number of sheep belonging to each peasant. Shortly after the ascent the village priest performs the ceremony of blessing each stâna in turn, and before the end of May the sheep are sheared by peasants who go up specially for the purpose, the wool being brought down to the village on horseback.

SINCE the summer pastures are communal property their administration is in the hands of an assembly of heads of families which assesses the rent to be paid for the season—generally 12-15 lei for a sheep and 50 lei for a cow. The money thus received forms a fund from which the shepherds are paid for their services. Each peasant makes personal arrangements with the senior shepherd as to the amount of cheese he will require for household purposes, any surplus going into a common stock which is marketed at the end of the season. Any disputes that arise are settled by arbitration in the presence of the mayor when the shepherds return to the village. This takes place during the latter part of October, the descent of each group being celebrated by minor festivities at which the shepherds are the guests of honour. The general feast held when all are down marks the official end of the season's activities.

UPON their return to the village the cows are immediately stabled, but each peasant splits up his sheep into two groups,

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FARMING AROUND CURTEA DE ARGEŞ

AMY R. BURGESS

133 IN THE region of Curtea de Argeş the river flows in a valley of varying width, floored with fine sandy alluvium and bounded by somewhat rounded hills. Some traces of river terraces are discernible.

THE LAND of this region can be divided into four categories: (*a*) arable, (*b*) hay meadows, (*c*) forest, (*d*) high mountain pasture. The arable land is principally on the first terrace, but stretches both down the slope to the valley bottom and up the slope to the second terrace. The hay meadows are above the arable land, spreading upwards towards the [137] forest. The forests comprise 75 per cent of the total area, and consist mainly of timber trees, such as beech and pine, together with a considerable number of walnut trees. The high pastures are above the forest belt and may be as much as fifty kilometres away from the village centre of the commune to which they belong.

423 THE ARABLE land is owned by the peasants, holdings ranging from less than one hectare to fifty hectares, the majority being from two to five hectares. The smallness of the holding [428] is due partly to the laws of inheritance, by which the land is divided between the children on the death of the owner, and partly to the fact that the district is so hilly that only small areas are available for cultivation.

241 476 THE HAY meadows belong to the commune and are both worked and used collectively by the peasants, all necessary organization being in the hands of the mayor and committee.

471 [313] THE FORESTS are largely state-owned, although some portions belong to the commune, in which case the peasants are allowed to cut for their own personal use (house-building, implements, etc.), but not for profit.

[235] THE HIGH pastures belong to the commune; the peasants pay a small fee to the commune for their use (20 lei per head per season for sheep, rather more for cattle).

132 AN IMPORTANT climatic feature affecting agriculture is the shortness of the summer, late spring and early autumn frosts

231 owner's farm, where the cows are kept in sheds, and the sheep, which are more hardy, are penned on the arable land, particularly on the maize stubble. Both sheep and cattle are fed on fodder crops during the winter. The surplus animals are sold at the autumn fair, and form a source of revenue.

876 [236] [234] WHILST ON the high pastures the sheep are clipped twice, and the wool is divided amongst the peasants in proportion to the number of animals sent up. The cheese is usually shared by the owners of the animals in the same way, the mayor and his committee being responsible for the correct apportionment. In the Valley of the Argeş co-operative dealers from Bucharest frequently buy the cheese "in bulk" direct from the commune, and the monetary value is shared between the owners of the animals.

231 OXEN ARE used almost exclusively for draught purposes, the numbers kept in this district being somewhat in excess of the farmers' requirements, owing to their use for lumbering (see below).

241 [369] [438] PEASANT FARMING in the Valley of the Argeş is no longer entirely on a subsistence basis. Two factors have tended to modify it. Firstly, the position of the valley, opening as it does directly on the Wallachian Plain, with its rich grain lands and containing the capital Bucharest, has allowed commercial intercourse to develop. The Argeş peasant no longer cultivates wheat; he does not mind if his maize crop is good enough for fodder only, for he can buy both wheat and maize from the plain. Further, he finds a ready market and so a money income in Bucharest for his surplus fruit, 313 particularly apples, and cheese. Secondly, the forests form a valuable asset to the peasant. During the winter felling takes place in the upper basin of the Argeş; in spring and summer the timber is transported, and work in the State mill in Curtea goes on all the year round. Practically every household has somebody working in the timber trade, and the money so earned (as much as 100 lei per day for a man supplying his own yoke of oxen) reduces the dependence of the family on the farm.

874 242 AT CURTEA DE ARGEŞ is the School of Agriculture, Regina Elizabeta. Although only a small percentage of its pupils is local, it is gradually influencing the farming of the neighbourhood. Experiments in cultivation, plant breeding and